

## Product datasheet for **RC222454L4V**

### **RABEP2 (NM\_024816) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	RABEP2 (NM_024816) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RABEP2
Synonyms:	FRA
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_024816
ORF Size:	1707 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222454).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_024816.2</a>
RefSeq Size:	2280 bp
RefSeq ORF:	1710 bp
Locus ID:	79874
UniProt ID:	<a href="#">Q9H5N1</a>
Cytogenetics:	16p11.2
Domains:	Rabaptin
MW:	63.4 kDa



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**Gene Summary:**

Plays a role in membrane trafficking and in homotypic early endosome fusion (PubMed:9524116). Participates in arteriogenesis by regulating vascular endothelial growth factor receptor 2/VEGFR2 cell surface expression and endosomal trafficking (PubMed:29425100). By interacting with SDCCAG8, localizes to centrosomes and plays a critical role in ciliogenesis (PubMed:27224062).[UniProtKB/Swiss-Prot Function]